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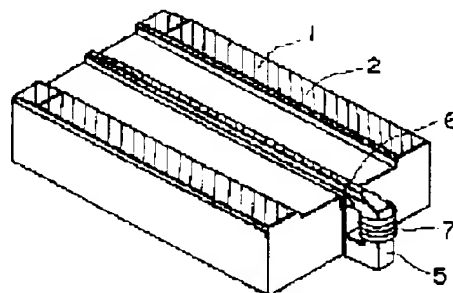
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TITLE : MAGNETIC HEAD



ABSTRACT : PURPOSE: To obtain a head having high reliability by uniformly attaching a carbon molecular fullerene on the magnetic recording-medium opposed surface of a magnetic head slider in specified thickness.

CONSTITUTION: Magnetic substance blocks 2, 5 are joined in a magnetic head, and currents are made to flow through a coil 7 or induced currents are detected and the data of a gap section are written and read. The protective and lubricating layer of a carbon molecular is formed on a magnetic recording-medium opposed surface 1. Accordingly, the rigid layer of a fullerene, formed on the surface of a magnetic head slider protects the magnetic recording-medium opposed surface of the magnetic head slider as a protective film while fullerene molecules partially liberated from the surface of the magnetic head slider function as a solid lubricant at the time of the impulse of a magnetic recording medium.

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